

ABSTRACT

A process for producing and a powdery water-absorbing polymers comprising:

- about 0.01 to 20 wt.% of a fine particle with a particle size of less than
5 about 200 μm ;
- about 0.001 to 10 wt.% of a thermoplastic adhesive; and
- about 60 to 99.998 wt.% of a water-absorbing polymer particle with a particle
size of about 200 μm and above, wherein the powdery water-absorbing
polymers have:
10
 - a flow value (FFC) within the range from about 1 to 13, and/or
 - a dust portion of at most about 6 are disclosed.

Also disclosed are a transport process, a composite, chemical products, and a use of a thermoplastic adhesive.